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WELTORGANISATION FÜR GEISTIGES EIGENTUM
Internationales Büro
INTERNATIONALE ANMELDUNG VERÖFFENTLICHT NACH DEM VERTRAG ÜBER DIE
INTERNATIONALE ZUSAMMENARBEIT AUF DEM GEBIET DES PATENTWESENS (PCT)

(51) Internationale Patentklassifikation 7 :
H03M 7/40, H04B 1/66

A1

(11) Internationale Veröffentlichungsnummer: WO 00/51241

(43) Internationales
Veröffentlichungsdatum: 31. August 2000 (31.08.00)

(21) Internationales Aktenzeichen: PCT/EP00/00312

(22) Internationales Anmeldedatum: 17. Januar 2000 (17.01.00)

(30) Prioritätsdaten:
199 07 729.0 23. Februar 1999 (23.02.99) DE

(71) Anmelder (für alle Bestimmungsstaaten ausser US): FRAUN-
HOFER-GESELLSCHAFT ZUR FÖRDERUNG DER
ANGEWANDTEN FORSCHUNG E.V. [DE/DE]; Leon-
rodstrasse 54, D-80636 München (DE).

(72) Erfinder; und

(75) Erfinder/Anmelder (nur für US): SPERSCHNEIDER, Ralph
[DE/DE]; Donato-Polli-Strasse 42, D-91056 Erlangen
(DE). DIETZ, Martin [DE/DE]; Kleinreuther Weg 47,
D-90408 Nürnberg (DE). LAUBER, Pierre [DE/DE];
Rilkestrasse 30, D-90419 Nürnberg (DE). SCHUG,
Michael [DE/DE]; Taunusstrasse 63, D-91056 Erlangen
(DE).

(74) Anwälte: SCHOPPE, Fritz usw.; Schoppe, Zimmermann &
Stöckeler, Postfach 71 08 67, D-81458 München (DE).

(54) Title: METHOD AND DEVICE FOR GENERATING A DATA FLOW FROM VARIABLE-LENGTH CODE WORDS AND A
METHOD AND DEVICE FOR READING A DATA FLOW FROM VARIABLE-LENGTH CODE WORDS

(54) Bezeichnung: VERFAHREN UND VORRICHTUNG ZUM ERZEUGEN EINES DATENSTROMS AUS CODEWORTEN VARI-
ABLER LÄNGE UND VERFAHREN UND VORRICHTUNG ZUM LESEN EINES DATENSTROMS AUS CODE-
WORTEN VARIABLER LÄNGE

(57) Abstract

The invention relates to a method for generating a data flow from variable-length code words which are sub-divided into a number of code word sets, whereby a raster comprising segments is determined for the data flow in which two adjacent raster points (41, 42) define a segment (40). The code words (1-6) from the first set are written into the data flow, beginning at raster points. Code words from the second set are then written into the data flow according to a predetermined allocation specification, whereby each code word from the second set is allocated to a separate segment. Whole code words or portions of code words which cannot be written according to their allocation are saved and entered into the data flow in additional writing attempts, whereby the allocation according to a predetermined specification is changed from one attempt to the next. This procedure is repeated in a similar manner for any additional data set that may exist. In this way, the ends of code words from the second set are decoupled from the beginnings of following code words from the second set, as the corresponding code words in a set are written in a segment by segment manner. This reduces the propagation of errors.

